

Message

From: Strynar, Mark [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=5A9910D5B38E471497BD875FD329A20A-STRYNAR, MARK]
Sent: 10/25/2018 8:19:18 PM
To: Leung, Lam-Wing H [LAM.H.LEUNG-1@chemours.com]; McCord, James [mccord.james@epa.gov]
CC: Nadine Kotlarz [nkotlar@ncsu.edu]
Subject: RE: Huske Dam water

Yes you provided the purity profile of the solid which is consistent with ~7% NHVOS impurity.

It seems the liquid standard was prepared from the high purity Nafion BP2 and diluted down is a consistent finding with what we saw.

Thanks,
Mark

From: Leung, Lam-Wing H [mailto:LAM.H.LEUNG-1@chemours.com]
Sent: Thursday, October 25, 2018 4:07 PM
To: Strynar, Mark <Strynar.Mark@epa.gov>; McCord, James <mccord.james@epa.gov>
Subject: RE: Huske Dam water

Hi Mark,

Yes, I thought we provided you the "impurity" profile of the solid (78.8% purity with 6.6% NVHOS and 14.0% KF). We do have a very quantity (couple hundred mg) of high purity of BP2. The liquid standard, I believe, was prepared using the same solid standard and obviously everything was diluted down.

Lam

From: Strynar, Mark [mailto:Strynar.Mark@epa.gov]
Sent: Thursday, October 25, 2018 2:29 PM
To: Leung, Lam-Wing H <LAM.H.LEUNG-1@chemours.com>; McCord, James <mccord.james@epa.gov>
Subject: RE: Huske Dam water

Will do. FYI it seems the purity of the Nafion BP2 solid and the Nafion BP2 in the solution are different. We see very little NVHOS(<0.1%) in the liquid standard where we see the 6.6% NVHOS in the solid as you all indicated in the sent documents.

Does this agree with what you know?

Mark

From: Leung, Lam-Wing H [mailto:LAM.H.LEUNG-1@chemours.com]
Sent: Thursday, October 25, 2018 1:05 PM
To: Strynar, Mark <Strynar.Mark@epa.gov>; McCord, James <mccord.james@epa.gov>
Subject: RE: Huske Dam water

Hi Mark,

That's good to know. Please let me know when it's accepted and published. Thanks.

Lam

From: Strynar, Mark [<mailto:Strynar.Mark@epa.gov>]

Sent: Thursday, October 25, 2018 11:09 AM

To: Leung, Lam-Wing H <LAM.H.LEUNG-1@chemours.com>; McCord, James <mccord.james@epa.gov>

Subject: RE: Huske Dam water

Lam,

FYI we were finally given clearance to submit James' paper. We did so today for review.

Mark

From: Leung, Lam-Wing H [<mailto:LAM.H.LEUNG-1@chemours.com>]

Sent: Wednesday, October 17, 2018 11:05 AM

To: Strynar, Mark <Strynar.Mark@epa.gov>; McCord, James <mccord.james@epa.gov>

Subject: Huske Dam water

Hi Mark & James,

We received ~100mL from Detlef and I noticed that it was collected at Huske Dam. My only question is at which part of the river was this collected (just wondering whether this is "well-mixed" or not). We plan on taking a look at this with our QToF and did you use any SPE prior to your analysis. By the way, I presumed your manuscript had been submitted?!

Very Best Regards,

Lam

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